

NSWC Technical Reports and Notes

In Progress	"System Safety Guidelines and Requirements in Applications of Non-Developmental Items to Navy Weapon Systems"
TR 89-33	"Software Systems Safety Design Guidelines and Recommendations"
TR 84-243	"5" Guided Projectile System Safety Program", Co-Authored by Bill Seymore, Vitro Laboratories
TR 82-301:	"Limited Safety Evaluation of the 90mm Cockerill Gun and 90mm PRB NR-200 and NR-188 Rounds"
TN E 4-74:	"Radar Testing of Chaff Materials"

Technical Papers

"Lessons Learned from the US Navy's Software Systems Safety Technical Review Panel", Invited Paper, Software Engineering Australia 2000 Conference, Australian Ministry of Defence, April 2000

"Applications of Commercially Developed Software in Critical Systems", Invited Paper, PARARI 99, Australian Ministry of Defence Conference, November 1999

"Military Standard 882D: A New Paradigm", Invited Paper, PARARI 99, Australian Ministry of Defence Conference, November 1999

"Training Safety Precepts, Design Requirements, and Guidelines" Invited Paper, PARARI 99, Australian Ministry of Defence Conference, November 1999

"Computer System Safety in Weapon Systems", Invited paper, PARARI 97, Australian Ministry of Defence Conference, November 1997

"Tailoring the MIL-STD-882B 300 Series Tasks", Proceedings of the Ninth International System Safety Society Conference, Long Beach, California, July 1989

"Software Systems Safety and Human Errors", Proceedings of the Computer Assurance Conference COMPASS '88, July 1988

"Software Systems Safety and Human Error Avoidance", Proceedings of the Society of Automotive Engineers Conference on Human Error Avoidance, December 1987

"What is Software Safety and Who's Fault is it Anyway?" and "Should MIL-STD-SNS Be Broadened to Encompass All Software?" Discussion Panel Position Papers, Proceedings of the Computer Assurance Conference COMPASS '87, July 1987

"Specification of Software Systems Safety in Contract Statements of Work" and "Recent Issues in System Safety", Discussion Panel Position Papers, Proceedings of the Computer Assurance Conference COMPASS '86, July 1986

"Software Safety in Complex Systems", Proceedings of the IEEE Engineering in Medicine and Biology Society Conference, September, 1985

Technical Seminars

General Chair, Navy Weapon System Safety Symposium, Ft. Belvoir, VA, June 1997

Software Systems Safety, System Safety Society Seminar, Arlington, VA, May 1996 & September 1996

CSP Exam Preparation, System Safety Society Seminar, Arlington, VA, Feb 1996

Software Systems Safety, Harris Corporation, Melbourne FL, May 1989

Software Systems Safety, ASSE technical seminar, Colorado Springs, CO, April 1988

Software Systems Safety, NAVSEA System Safety School, Bloomington, IN, Sept 1987

Software Systems Safety, Air Force Safety Manager's College, Seattle, WA, Sept 1987

Contributions to Technical Documents

Military Standard 1901A, Safety Design Requirements for Ignition Systems, 2001 (Authored by Expert Working Group of Fuze Engineering Standardization Working Group) 1998-2001

Australian Defense Standard (DEF(Aust)) 5679 PROCUREMENT OF SAFETY-CRITICAL SYSTEMS CONTAINING SOFTWARE, 1999

Joint Services Software Systems Safety Handbook, December 1999

National Institute for Standards and Technology Report on High Integrity Systems, 1994

STANAG 4404: Safety Design Requirements and Guidelines for Munition Related Safety Critical Computing Systems (Ratified, Authored by NATO AC/310 AHWG), 1998 (Based on NSWCCD TR89-33)

STANAG 4452: Safety Assessment Requirements for Munition Related Safety Critical Computing Systems (In Ratification, Authored by NATO AC/310 AHWG), 1998

WSESRB Technical Manual for Electronic Safety and Arming Devices with non-Interrupted Explosive Trains, (Chair of technical working group) September 1993